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| **Brief Project Description** | |
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| **Project Name** | **De2-115 controlled turtlebot** |
| **Project Date** | 3 DEC 2012 --- 15 FEB 2013 |
| **Document Author** | Yuantao Zhang |
| **Supervisor** | Brad Yu |
| **Project Champion** | Fully controlled turtlebot |

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| **Project Summary** |
| This project mainly combines the knowledge of embedded system and robotics by letting the embedded system installed on the turtlebot  Use embedded system to control and monitor the sensor information and actuator’s movement.  Use the Open Interface of iRobot to communicate with De2 board to subscribe the info and data.  The advantage of this project is to make the turtlebot controlled by embedded system instead of notebook which is much more expansive and complicated. |